

**OPERATING DATA REPORT**

DOCKET NO. 50-247  
 DATE 12-4-81  
 COMPLETED BY E. F. Eich  
 TELEPHONE 914-526-5155

OPERATING STATUS

1. Unit Name: Indian Point Station Unit No. 2
2. Reporting Period: November, 1981
3. Licensed Thermal Power (MWt): 2758
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 873
6. Maximum Dependable Capacity (Gross MWe): 900
7. Maximum Dependable Capacity (Net MWe): 864

Notes
None

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8016	65041
12. Number Of Hours Reactor Was Critical	432.95	3413.62	41577.53
13. Reactor Reserve Shutdown Hours	0	54.64	1527.43
14. Hours Generator On-Line	426.77	3286.62	40367.00
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1145536	8467303	104275731
17. Gross Electrical Energy Generated (MWH)	365330	2561170	32181216
18. Net Electrical Energy Generated (MWH)	347791	2422312	30651636
19. Unit Service Factor	59.3	41.0	62.1
20. Unit Availability Factor	59.3	41.0	62.1
21. Unit Capacity Factor (Using MDC Net)	55.9	35.3	54.8
22. Unit Capacity Factor (Using DER Net)	55.3	34.6	54.0
23. Unit Forced Outage Rate	40.7	23.2	10.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
NONE

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT INDIAN POINT STATION

Unit No. 2

DATE 12/4/81

COMPLETED BY E.F. Eich

TELEPHONE 914-526-5155

MONTH November 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	851
2	776
3	653
4	849
5	847
6	830
7	850
8	845
9	850
10	848
11	734
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	556
25	857
26	855
27	851
28	857
29	858
30	859
31	-

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER 1981

DOCKET NO. 50-247  
 UNIT NAME I.P. Unit No. 2  
 DATE 12-4/81  
 COMPLETED BY E.P. Eich  
 TELEPHONE 914-526-5155

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
12	11/11/81	F	290.47	A	2	81-030 (For info).	CB	PumpXX X	Repair No. 23 reactor coolant Pump Seal.
13	11/24/81	F	2.76	A	3	N/A	HJ	HTEXCH F	2 2 Steam Generator Hi Level.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

November, 1981

Docket No. 50-247

Date: 12/8/81

Completed By: J. Curry

Telephone: (914) 526-5235

November started with Indian Point No. 2 operating at 100% reactor power. On November 2, 1981, the load was reduced briefly to repair a leak in the cross under piping to No. 21A moisture separator reheater. Unit No. 2 operated at full load until Wednesday evening, November 11, when a failure of the No. 1 seal on No. 23 reactor coolant pump required a plant shutdown. After reaching cold shutdown conditions on Friday, November 13, Unit No. 2 reactor coolant system was depressurized and drained for repairs to the controlled leakage seals on No. 23 reactor coolant pump. Repairs to the seals were completed and during reactor coolant heatup to the hydrostatic test temperature on Thursday, November 19, one of the pressurizer code safety valve (PCV-464) lifted prematurely at approximately 2350 psig. The system was brought to the cold shutdown condition and the valve reset to the correct lifting pressure.

After the conduct of a successful reactor coolant system hydrostatic test and replacement of No. 22 high head safety injection pump with a spare, Unit No. 2 was returned to service on Monday, November 23, but tripped automatically approximately forty-five minutes later due to high drum level in No. 22 steam generator. The unit was again returned to service on Tuesday, November 24 and the load raised to the 100% reactor power level and remained at this level for the remainder of the month.

MECHANICAL AND ELECTRICAL MAINTENANCE

Docket No. 50-247

Indian Point Unit No. 2

November, 1981

<u>Date</u>	<u>Component</u>	<u>MWR</u>	<u>Malfunction</u>	<u>Corrective Action</u>
11/19/81	No. 23 Reactor Coolant Pump	2N5-6151	No. 1 Seal Failure	Replaced seals
11/22/81	No. 22 High Head Safety Injection Pump	00042	Pump Seized	Replaced with spare pump